	Work Order ID 64726  Fuesday, December 14, 2010 1:17:18 PM					==:		<b>316</b> · - , -	<del></del>		Page 1
Revision ID:	D412-702-305 Harness Assemb			Accept					Setup Sta	1 1	
Start Date: Required Date: Reference:		Start Qty: 1.00 Req'd Qty: 1.00	1884   1884   1884   1884   1884   1884   1884   1884   1884   1884   1884   1884   1884   1884   1884   1884		Cust Item I Customer:	D:				1 18891181	11818 118 1181
Approvals:	Process Plan	:R	Date: 10-12-14 Date:			ite:		I	Run Sta St		
Sequence ID/ Work Center II Draw Nbr	) I	Operation Description ion Nbr		Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
DSI 9511	A A	IOII NDF									
Small Fab		Memo Assemble :	as per dwg ICA D412-702 p	0.00 0.00 0.49				fs.	0/12/	160	
QC Quality Control	(	QC5- Inspect part comp	oleteness to step on W/O	ری ( ا	relie			A	- <del> </del>		
120  Packaging  Packaging		Memo Identify wi CHG001 Location: PPP Rev:	th P/N & CHG# and pack fo	0.00 0.00 r shipping as per PPP D412	2-702-305			N	12/10-	P	

W/O:	-		WO	RK ORDER CHANGE	S				
DATE	STEP	PRO	OCEDURE CHAN	IGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
Part No	•	PAR #:	Fault Categ	jory:	NCR: Yes	No DQ	A:	Date: _	
	R	esolution:	Disposition	:	QA: N/C C	losed:		Date: _	
NCR:		WORK ORDE	R NON-CONFORMA	NCE (NCF	₹)				
0.475	0750	Description of NC	Corrective Action Section			Verifi	cation	Approval	Approval
DATE	STEP	EP Description of NC Section A	Initial Chief Eng	Action Description  Chief Eng	Sign and Date	& Sect	Section C		QC Inspector
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# Work Order ID 64726

Tuesday, December 14, 2010 1:17:18 PM



Page 2

Item ID:

D412-702-305

Accept

Setup Start

Stop



**Revision ID:** 

Item Name:

Harness Assembly

**Start Date:** 

12/14/2010

Start Qty: 1.00

Operation

Description

**Required Date: 12/22/2010** Req'd Qty: 1.00

**Cust Item ID: Customer:** 

Reference:

А	DD	rov	a	s:

QC:

Process Plan: \_\_\_\_\_

Date:

Date:

Tooling:

**SPC (Y/N):** 

Set Up/

0.00

**Run Hours** 

Date:

Date:

Start

Run

Stop

Sequence ID/

Work Center ID

130

**Quality Control** 

Memo

QC21- Final Inspection - Work Order Release

**Tool ID** 

Tool # Plan

Accept Qty Code

Reject Reject Qty Number

Insp. Stamp

0.00

10-12-16

W/O:			W	ORK ORDER CHANGI	ES				
DATE	STEP	PRO	OCEDURE CHA	ANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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							1		
Part No	:	PAR #:	Fault Cate	egory:	NCR: Yes	No DQ	A:	Date: _	
	R	esolution:	Disposition	on:	_ QA: N/C C	losed:		Date: _	
NCR:			WORK ORD	ER NON-CONFORMA	NCE (NC	₹)			
DATE	OTED	Description of NC		on B	Verifi	ification	Approval	Approval	
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign Date			Chief Eng	QC Inspector
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				1.00					
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# **Picklist Print**

Tuesday, December 14, 2010 1:17:23 PM

Work Order ID: 64726

Parent Item:

D412-702-305

Parent Item Name: Harne 3 Assembly



Start Date: 12/14/2010

Required Date: 12/22/2010

Start Qty: 1.00

Required Qty: 1.00

C	om	m	en	te	
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IPP Rev:A new issue DD 10.04.30 verified:EC

Component Item ID/ tem Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
3573-1		Manufactured	No			100	Each	11.0000		510	/w/16	·	
				Location	!	Loc	<u>Oty</u>	Loc Code		ŕ	,		
			•	ST244		•	11				_		
					45926		1 ·		_		-		
					55680		1		_		_		
					57222		9		_		_		
4088-041		Manufactured	No		* * * 4 *	100	Each	8.0000		1/500	/12/1	l 6	
outdor manness				Location	<u>!</u>	Loc	<u>Oty</u>	Loc Code		/ /		-	
				ST272A			8		/ _		_		
					63904		8				_		
S24693-S273		Purchased	No			100	Each	796.0000	4	43	r0/12/	/16	
				Location	<u>1</u>	Loc	Oty	Loc Code		//	/		
				ST288			796			,			
					100151		796			4	· -		
N960JD10LL MANGER STATE OF THE	161 161 161 161 161 161 161	Purchased	No			100	Each	4,099.000	4 	4	10/12	/16	
				Location	<u>1</u>	Loc	Oty	Loc Code			<i>(</i>	/	
				ST349		-	4099						
					19085		472		_		- -		
					19600		3627		_	4	_		

W/O:			WORK ORDER CHANGES							
DATE	STEP	PRO	CEDURE CHAN	NGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	
Part No	:	PAR #:	Fault Cate	NCR: Yes No DQA: Date:						
	R	esolution:	Disposition	1:	QA: N/C CI	osed:		Date:		
NCR:		V	VORK ORDE	ER NON-CONFORMA	NCE (NCF	()				
DATE	STEP	Description of NC	Corrective Action Section B				cation	Approval	Approval	
DAIL	JILI	Section A	Initial Chief Eng	Action Description Chief Eng	Sign 8 Date	Sect	ion C	Chief Eng	QC Inspector	
								į		

## **Picklist Print**

Tuesday, December 14, 2010 1:17:23 PM

Work Order ID: 64726

Parent Item:

D412-702-305

Parent Item Name: Harness Assembly

Purchased

No

Start Dat.. 12/14/2010

Required Date: 12/22/2010

Required Qty: 1.00

Page 2

Each

Start Qty: 1.00

MS21042L3

<b>Location</b>	Loc Qty
ST300	2030
114784	34
115835	996
116373	100
116391	900

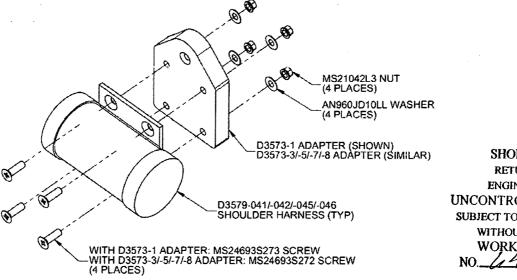
100

Loc Code

2,030.000

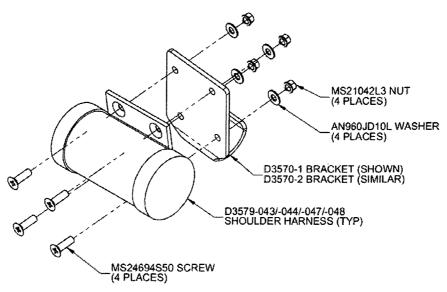
			<del></del>						
W/O:			WO	RK ORDER CHANG	ES				<del></del>
DATE	STEP	PRO	OCEDURE CHAI	NGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC inspector
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Part No	:	PAR #:	Fault Cated	aorv:	NCR: Yes	No <b>DQ</b>	A:	Date:	l
		esolution:							
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DATE	STEP	Description of NC		Corrective Action Section		Verific	cation	Approval	Approval
DATE	SIEF	Section A	Initial Action Description Chief Eng Chief Eng		Sign 8 Date	Secti	ion C	Chief Eng	QC Inspector
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ICA Page 79 (80 blank) of 98



**SHOP COPY RETURN TO ENGINEERING UNCONTROLLED COPY SUBJECT TO AMENDMENT** WITHOUT NOTICE WORK ORDER

DETAIL 'K' D412-702-101A/-103A/-105A/-107A/-109A/-115A/-117A AND D412-702-101B/-103B/-105B/-107B/-109B/-115B/-117B HARNESS ASSEMBLIES (BELTS, K6.2 CLIP AND D3569-1/-2/-3 DECAL NOT SHOWN)



**DETAIL 'L'** D412-702-111A/-111B/-113A/-113B HARNESS ASSEMBLIES (BELTS AND D3569-1/-2/-3 DECALS NOT SHOWN)

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W/O:			WO	RK ORDER CHANGE	ES					
DATE	STEP	PRC	OCEDURE CHAI	NGE	Ву	Dat	e Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	
Part No	:	PAR #:	Fault Cate	gory:	NCR: Ye	s No	DQA:			
	R	esolution:	Disposition	1:	QA: N/C	Closed		Date: _	·	
NCR:			WORK ORD	ER NON-CONFORMA	NCE (NO	CR)				
	T	Description of NC			on B Verit		erification	Approval	Approval	
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sig: Da	า&	Section C	Chief Eng	QC Inspector	
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# DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D412-702 REV. E AND INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D412-702 REV. 3 REF TCCA STC SH04-7

REF FAA STC SR01997NY
REF EASA STC EASA.I.M.R.S.00710

alo 44726

This service instruction adds several kits equipped with improved inertia reels:

The Dart I 12-702-341 13-Man Shoulder Harness Kit provides 3-point harnesses with inertia reels and joined lap and shoulder betts for all 13 passenger seating positions in the aircraft cabin. The kit also contains hardpoints for securing the harnesses. The harnesses for this kit meet the requirements of TSO-C114 and replace the existing lap belts. This kit should be installed similar to the D412-702-041B kit, as detailed in Table 1 of this service instruction.

The Dart **D412-702-343** 5-Man Forward Facing Shoulder Harness Kit provides 3-point hamesses with inertia reels and joined lap and shoulder belts for the 5 forward facing seating positions in the aircraft cabin. The kit also contains hardpoints for securing the harnesses. The harnesses for this kit meet the requirements of TSO-C114 and replace the existing lap belts. This kit should be installed similar to the D412-702-043B kit, as detailed in Table 1 of this service instruction.

The Dart **D412-702-345** 4-Man Shoulder Harness Kit provides 3-point harnesses with inertia reels and joined lap and shoulder belts for the 4 aft facing seating positions in the aircraft cabin. The kit also contains hardpoints for securing the harnesses. The harnesses for this kit meet the requirements of TSO-C114 and replace the existing lap belts. This kit should be installed similar to the D412-702-045B kit, as detailed in Table 1 of this service instruction.

The Dart **D412-702-347** 4-Man Shoulder Harness Kit provides 3-point harnesses with inertia reels and joined lap and shoulder belts for the 4 side facing seating positions in the aircraft cabin. The kit also contains hardpoints for securing the harnesses. The harnesses for this kit meet the requirements of TSO-C114 and replace the existing lap belts. This kit should be installed similar to the D412-702-047B kit, as detailed in Table 1 of this service instruction.

The Dart **D412-702-349** 1-Man Shoulder Harness Kit provides a 3-point harness with an inertia reel and joined lap and shoulder belts for the center forward facing seating position in the aircraft cabin. The kit also contains hardpoints for securing the harness. The harness for this kit meets the requirements of TSO-C114 and replaces the existing lap belts. This kit should be installed similar to the D412-702-049B kit, as detailed in Table 1 of this service instruction.

The Dart **D412-702-351** 1-man 3-point shoulder harness kits are available for the outboard seats of the 5-man forward facing bench in Bell 205/212/214/412 model aircraft. The kit can be installed LH or RH. These kits should be installed similar to the D412-702-051B/-052B kits, as detailed in Table 1 of this service instruction.

The Dart **D214-702-337** 5-Man Aft Facing Shoulder Harness Kit provides 3-point hamesses with inertial reels and joined lap and shoulder belts for the 5-man aft facing seat installed in the Bell 214B/B1 model aircraft. This kit should be installed similar to the D214-702-037B kit, as detailed in Table 1 of this service instruction.

The Dart **D205-702-353** 4-Man Aft Facing Shoulder Harness Kit provides 3-point harnesses with inertial reels and joined lap and shoulder harnesses for the 4-man aft facing seat installed in the UH-1 model aircraft. This kit should be installed similar to the D205-702-053B kit, as detailed in Table 1 of this service instruction.

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-0-01

APPROVED

D. SHEPHERD (DE # 02)

DATE: 10.03.22

CERT. NO.: SH04-7

ISSUE 10.: 3

Α	NEW ISS	SUE		CP	10.03.18				
REV.			DESCRIPTION	BY	DATE				
DESIGN		P	DART AEROS	PACE	LTD				
DRAWN			HAWKESBURY, ONTARIO, CANADA						
CHECKE	CHECKED		DRAWING NO.		REV. A				
MFG. AF	PPR.	N/A	DSI 9511	5	SHEET 1 OF 6				
APPRO\	/ED	140,	TITLE		SCALE				
DE APPI	₹.	-#	NEW SHOULDER HARNE	SS KITS	NTS				
DATE	10.03.18		COPYRIGHT @ 2010 BY DART AEROSPACE LTD  THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION TH  NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WIT  WITTEN PERSISSION PROM DART AEROSPACE LTD.						

W/O:			WO	RK ORDER CHANGE	S				
DATE	STEP	PRO	OCEDURE CHAN	IGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC inspector
Part No		PAR #:	Fault Categ	jory:	NCR: Yes	No <b>DQ</b>	A:	Date: _	
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DATE	OTED	Description of NC	Corrective Action Section B		n B Sign &	Verifi	cation	Approval	Approval
DATE	STEP	Section A	Initial Chief Eng			Sect	tion C	Chief Eng	QC Inspector
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INSTALLATION
The Dart D412-702-3XX kits should be installed similar to the kits in Installation Instructions IIN-D412-702 Rev. E or Dart Service Instruction (DSI) listed below:

#### **TABLE 1**

Part Number	Description	Install similar to:
D412-702-341	Shoulder Harness Kit	D412-702-041B (IIN-D412-702, DSI 9408)
D412-702-343	Shoulder Harness Kit	D412-702-043B (IIN-D412-702, DSI 9453 [214], DSI 9408)
D412-702-345	Shoulder Harness Kit	D412-702-045B (IIN-D412-702, DSI 9469)
D412-702-347	Shoulder Harness Kit	D412-702-047B (IIN-D412-702, DSI 9408)
D412-702-349	Shoulder Harness Kit	D412-702-049B (IIN-D412-702, DSI 9408)
D412-702-351	Shoulder Harness Kit	D412-702-051B (LH) (DSI 9397, DSI 9408) D412-702-052B (RH) (DSI 9397, DSI 9408)
D214-702-337	Shoulder Harness Kit	D214-702-037B (DSI 9454)
D205-702-353	Shoulder Harness Kit	D205-702-053B (DSI 9460)
D412-702-301	Harness Assembly	D412-702-101B (IIN-D412-702)
D412-702-303	Harness Assembly	D412-702-103B (IIN-D412-702)
_D412-702-305	Harness Assembly	D412-702-105B (IIN-D412-702)
D412-702-307	Hamess Assembly	D412-702-107B (IIN-D412-702)
D412-702-309	Harness Assembly	D412-702-109B (IIN-D412-702)
Π412-702-311	Harness Assembly	D412-702-111B (IIN-D412-702)
D412-702-313	Harness Assembly	D412-702-113B (IIN-D412-702)
D412-702-315	Harness Assembly	D412-702-115B (IIN-D412-702)
D412-702-317	Harness Assembly	D412-702-117B (IIN-D412-702)
D412-702-319	Harness Assembly	D412-702-119B (DSI 9454)
D412-702-321	Harness Assembly	D412-702-121B (DSI 9454, DSI 9469)
D412-702-323	Harness Assembly	D412-702-123B (DSI 9454, DSI 9469)

Wo 64726

CANADA DEPARTMENT OF TRANSPORT AIRCRAFT CERTIFICATION **BRANCH** DAO # 01-O-01

DATE: \_\_\_\_ CERT. ; IO.: \_ ISSUE NO.: \_ SH04-7

DESIGN	P	DART AEROSPACE LTD					
DRAWN	97	HAWKESBURY, ONTARIO, CANADA					
CHECKED	4	DRAWING NO.	REV. A				
MFG. APPR.	N/A	DSI 9511	SHEET 2 OF 6				
APPROVED	140	TITLE	SCALE				
DE APPR.	#	NEW SHOULDER HARNESS KITS	NTS				
DATE 10.03.18		COPYRIGHT © 2010 BY DART AEROSPACE LTD  THIS DOCUMENT IS PRINATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR MAY PURPOSE OR COPIED ON COMMUNICATED TO ANY OTHER PERSON WITHOUT WITTEN PERMISSION FROM DART AEROSPACE LTD.					

W/O:	· ·		WO	RK ORDER CHANG	ES						
DATE	STEP	PRO	PROCEDURE CHANGE				Date Qty	Approval Chief Eng / Prod Mgr	Approval QC inspector		
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Part No		PAR #:	Fault Cate	gory:	NCR: \	Yes No	DQA:	Date: _			
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DATE	STEP	Description of NC	n of NC Corrective Action Se				Verification	Approval	Approval		
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#### TABLE 2

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QTY -341	QTY -343	QTY -345	QTY -347	QTY -349	QTY -351	Part Number	Description
х						D412-702-341	Dart 13-Man 3-Point Shoulder Harness Kit
	x					D412-702-343	Dart 5-Man 3-Point Forward Facing Shoulder Harness Kit
		X				D412-702-345	Dart 4-Man 3-Point Aft Facing Shoulder Harness Kit
			х			D412-702-347	Dart 4-Man 3-Point Side Facing Shoulder Harness Kit
		·		Х		D412-702-349	Dart 1-Man 3-Point Forward Shoulder Harness Kit
					X	D412-702-351	Dart 1-Man 3-Point Shoulder Harness Kit
1	1		1	1		D412-702-059	GROMMET KIT
9	5		4	1	1	D3761-1-041	HOOK AND LOOP STRIP (DSI 9408)
2	1		1			D412-702-301	HARNESS ASSEMBLY (NEW)
1*	1*		1*			D3573-7	ADAPTER
1*	1*		1*			D4088-041	SHOULDER HARNESS (NEW)
4*	4*		4*			MS24693S272	SCREW
4*	4*		4*			AN960JD10LL	WASHER
4*	4*		4*			MS21042L3	NUT
2	1		1			D412-702-303	HARNESS ASSEMBLY (NEW)
1*	1*		1*			D3573-8	ADAPTER
1*	1*		1*			D4088-041	SHOULDER HARNESS (NEW)
4*	4*		4*			MS24693S272	SCREW
4*	4*		4*			AN960JD10LL	WASHER
4*	4*		4*			MS21042L3	NUT
1	1			1		D412-702-305	HARNESS ASSEMBLY (NEW)
1*	1*			1*		D3573-1	ADAPTER
1*	1*			1*		D4088-041	SHOULDER HARNESS (NEW)
4*	4*			4*		MS24693S273	SCREW
4*	4*			4*		AN960JD10LL	WASHER
1*	4*			4*		MS21042L3	NUT
					4	D412 702 207	HARNESS ASSEMBLY (NEW)
1 1*	1 1*				1*	D412-702-307	ADAPTER
1*	1*					D3573-3	SHOULDER HARNESS (NEW)
	4*				1*	D4088-041	SCREW
4*					4*	MS24693S272	WASHER
4*	4*				4*	AN960JD10LL	NUT
4	. 4"				4*	MS21042L3	
1	1					D412-702-309	HARNESS ASSEMBLY (NEW)
1*	1*					D3573-3	ADAPTER
1*	1*					D4088-041	SHOULDER HARNESS (NEW)
4*	4*					MS24693S272	SCREW
4*	4*					AN960JD10LL	WASHER
4*	4*					MS21042L3	NUT

\* denotes that part is included in assembly above

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-0-01

BY: D. SHEPH#RD (DE # 02)

DATE: 10.03.22
CERT NO.: SH04-7
ISSUE NO.: 3

continued next page...

DESIGN	9	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA				
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MFG. APPR.	N/A	DSI 9511	SHEET 3 OF 6			
APPROVED	10	TITLE	SCALE			
DE APPR.	-#	NEW SHOULDER HARNESS KIT	S NTS			
DATE 10.03.18  COPYRIGHT © 2010 BY DART AEROSPACE LTD  THIS DOCUMENT IS PRIVATE AND COMPIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDINATED TO ANY OTHER PERMISSION FROM DATA ERROSPACE LTD.  WRITTEN PERMISSION FROM DATA ERROSPACE LTD.			PRESS CONDITION THAT IT IS Y OTHER PERSON WITHOUT			

Dart	Aeros	space	Ltd
<b>v</b> ait	70103	Dave	

W/O:	-		WC	WORK ORDER CHANGES							
DATE	STEP	PRO	OCEDURE CHANGE			Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector		
Part No		PAR #:									
	R		Disposition: QA			A: N/C Closed: Date:					
NCR:		,	WORK ORD	ER NON-CONFORMAN	ICE (NC	R) <sup>*</sup>					
		Description of NC	Corrective Action Section B		В	Sign & Verific					
DATE	STEP	Description of NC	t-itial	Action Description	Sign			Approval	Approval		
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign Date	&   Sect	ion C	Approval Chief Eng	Approval QC Inspector		
DATE	STEP	Section A		Action Description Chief Eng		&   Sect					
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DATE	STEP	Section A		Action Description Chief Eng		&   Sect					

...continued from previous page

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QTY -341	QTY -343	QTY -345	QTY -347	QTY -349	QTY -351	Part Number	Description
1		1				D412-702-311	HARNESS ASSEMBLY (NEW)
1*		1*				D3570-1	BRACKET
1*		1*				D4088-043	SHOULDER HARNESS (NEW)
4*		4*				MS24694S50	SCREW
4*		4*				AN960JD10L	WASHER
۸*		4*				MS21042L3	NUT
1		1				D412-702-313	HARNESS ASSEMBLY (NEW)
1*		1*				D3570-2	BRACKET
1*		1*				D4088-043	SHOULDER HARNESS (NEW)
4*		4*				MS24694S50	SCREW
4*		4*				AN960JD10L	WASHER
4*		4*				MS21042L3	NUT
1			1			D412-702-315	HARNESS ASSEMBLY (NEW)
1*			1*			D3573-5	ADAPTER
1*			1*			D4088-041	SHOULDER HARNESS (NEW)
4*			4*			MS24693S272	SCREW
4*			4*			AN960JD10LL	WASHER
4*			4*			MS21042L3	NUT
- 1			1			D412-702-317	HARNESS ASSEMBLY (NEW)
1*			1*			D3573-5	ADAPTER
1*	·		1*			D4088-041	SHOULDER HARNESS (NEW)
4*			4*			MS24693S272	SCREW
4*			4*			AN960JD10LL	WASHER
4*			4*			MS21042L3	NUT
1		1				D412-702-321	HARNESS ASSEMBLY (NEW)
1*		1*				D3570-3	BRACKET
1*		1*				D4088-043	SHOULDER HARNESS (NEW)
4*		4*	-			MS24694S50	BOLT
4*		4*				AN960JD10L	WASHER
4*		4*				MS21042L3	NUT
1		1				D412-702-323	HARNESS ASSEMBLY (NEW)
1*		1*				D3570-4	BRACKET
1*		1*				D4088-043	SHOULDER HARNESS (NEW)
4*		4*				MS24694S50	BOLT
4*		4*				AN960JD10L	WASHER
4*		4*				MS21042L3	NUT

<sup>\*</sup> denotes that part is included in assembly above

continued next page...

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

BY: D. SHEPHERD (DE # 02)

DATE: 10.03.22
CERT. NO.: SH04-7
ISSUE NO.: 3

DESIGN	q?	DART AEROSPACE LTD				
DRAWN	97	HAWKESBURY, ONTARIO, CA	NADA			
CHECKED	B	DRAWING NO.	REV. A			
MFG. APPR.	N/A	DSI 9511	SHEET 4 OF 6			
APPROVED	10	TITLE	SCALE			
DE APPR.	-#	NEW SHOULDER HARNESS KIT	S NTS			
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W/O:								
DATE	STEP	PRO	CEDURE CHAN	EDURE CHANGE			ty Approval Chief Eng /	Approval QC Inspector
<del> </del>							Prod Mgr	
						Ì		
Part No	:	PAR #:	Fault Categ	jory:	NCR: Yes	lo DQA:_	Date: _	
	R	esolution:	Disposition	_ QA: N/C Clo	QA: N/C Closed: Date:			
NCR:	.,		WORK ORDE	R NON-CONFORMA	ANCE (NCR)			
		Description of NC			ion B	Verification	on Approval	Approval
DATE	STEP	STEP Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C		QC Inspector
						:		

H:\fF@RMS\Quality Assurance\approved QA\NCRWO RevE

... continued from previous page

W064729.

QTY -341	QTY -343	QTY -345	QTY -347	QTY -349	QTY -351	Part Number	Description
2	2					D3542-1	BRACKET
7	3		- 4	1		D3571-1	GUIDE
2	2					D3571-3	GUIDE
2		2				D3572-041	GUIDE ASSEMBLY
12	6		6	2		D3578-041	DOUBLER
2	2					D3610-041	BRACKET
2	2					D3618-1	CAP
4	4					AN4-10A	BOLT
2.		2				AN4-16A	BOLT
4		4				AN4-25A	BOLT
4		4				AN4-27A	BOLT (DSI 9469)
2	2					AN4-44A	BOLT
2	2					MS24693S274	SCREW
3	3			1		MS24694S56	SCREW
10	2		8			MS24694S58	SCREW
1	1			1		MS24694S60	SCREW
26	6	20				AN960JD416	WASHER
4	4					AN960JD416L	WASHER
12	6	6				MS21042L4	NUT
24	12		12	4		CR3212-4-4	RIVET

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

BY: D. SHEPHERD (DE # 02)

DATE: \_\_\_\_\_\_10.03.22 CERT. O.: \_\_\_\_\_SH04-7 ISSUE NO.: \_\_\_\_\_3

DESIGN	q?	DART AEROSPACE LTD				
DRAWN 97		HAWKESBURY, ONTARIO, CANADA				
CHECKED		DRAWING NO.	REV. A			
MFG. APPR.	N/A	DSI 9511 s	HEET 5 OF 6			
APPROVED	16	TITLE	SCALE			
DE APPR.		NEW SHOULDER HARNESS KITS	NTS			
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	•							
W/O:			WO	RK ORDER CHANGI	ES			
DATE	STEP	PRO	CEDURE CHAN	Ву	Date Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	
Part No	•	PAR #:	Fault Cate	jory:	NCR: Yes	No DQA:	Date: _	
Resolution:								
NCR:		\	WORK ORDE	R NON-CONFORMA	NCE (NCR)	)		
5475		Description of NC Section A		on B	Verification		Approval	
DATE	STEP		Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	n Approval Chief Eng	QC Inspector
•								

TABLE 3

QTY -337	QTY -353	Part Number	Description
х		D214-702-337	Dart 5-Man 3 Point Aft Facing Shoulder Harness Kit, for 214 Aircraft
	х	D205-702-353	Dart 4-Man 3 Point Aft Facing Shoulder Harness Kit, for UH-1 Aircraft
1	2	D412-702-311	HARNESS ASSEMBLY (NEW) -> SEE TABLE 2
11	2	D412-702-313	HARNESS ASSEMBLY (NEW)> SEE TABLE 2
1		D412-702-321	HARNESS ASSEMBLY (NEW)> SEE TABLE 2
1		D412-702-323	HARNESS ASSEMBLY (NEW)> SEE TABLE 2
1	<del>                                     </del>	D412-702-319	HARNESS ASSEMBLY (NEW)
1*	1	D3925-041	BRACKET
1*		D4088-043	SHOULDER HARNESS ASSEMBLY (NEW)
4*		MS24694S50	BOLT
4*		AN960JD10L	WASHER
4*		MS21042L3	NUT
	1	D3572-043	GUIDE ASSY
	1	D3572-044	GUIDE ASSY
1		D3920-041	SEATBELT GUIDE ASSEMBLY
2		D3920-5	SEATBELT GUIDE
1	6	AN4-16A	BOLT
1	<u></u>	AN4-21A	BOLT
7		AN4-25A	BOLT
18	12	AN960JD416	WASHER
9	6	MS21042L4	NUT

u104424

\* denotes that part is included in assembly above

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-0-01

BY: D. SHEPHERD (DE # 02)

DATE: 10.03.22 CERT. NO.: SH04-7 ISSUE NO.: 3

DESIGN	p	DART AEROSPACE LTD				
DRAWN ?		HAWKESBURY, ONTARIO, CANADA				
CHECKED		DRAWING NO.	REV. A			
MFG. APPR.	N/A	DSI 9511	SHEET 6 OF 6			
APPROVED	12	TITLE	SCALE			
DE APPR.		NEW SHOULDER HARNESS KIT	S NTS			
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Dart	Aeros	pace	Ltd
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W/O:			WC	RK ORDER CHANG	SES				
DATE	STEP	PRO	NGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	
						•			
								i	
Part No	:	PAR #:	Fault Cate	gory:	NCR: Yes	No DQ	A:	Date: _	
Resolution:			Disposition: QA			A: N/C Closed: Date:			
NCR:		WORK ORD	ER NON-CONFORM	ANCE (NCF	R)	¢			
DATE	STEP	Description of NC	Corrective Action				ification Approval		Approval
	J. Z.	Section A	Initial Chief Eng	Action Description Chief Eng	Date	Sec	tion C	Chief Eng	QC Inspector
								3	
E									
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